

AMENDMENTS TO THE CLAIMS

This Listing of the Claims will replace all prior versions, and listings of the claims in the application.

Listing of the Claims:

1.-160. (Canceled)

161.- 168. (Canceled)

169. – 175. (Canceled)

176. (currently amended) A hapten carrier conjugate comprising nicotine and a carrier, wherein said

nicotine and said carrier are linked by a branch comprising:

CJ 1 $(CH_2)_nQ$,
CJ 3 ~~$CO(CH_2)_nQCO$~~ $CO(CH_2)_nCOQ$, or
CJ 11 $YCO(CH_2)_nCOQ$

wherein n is an integer, Y is NH, O, or S, and Q is the carrier, and wherein the carrier is pseudomonas exotoxin.

177. (currently amended) The hapten carrier conjugate of claim 176, wherein the branch comprises CJ 1

$(CH_2)_nQ$.

178. (currently amended) The hapten carrier conjugate of claim 176, wherein the branch comprises CJ 3

~~$CO(CH_2)_nQ$~~ $CO(CH_2)_nCOQ$ and n is 2.

179. (currently amended) The hapten carrier conjugate of claim 176, wherein the branch comprises CJ11 $YCO(CH_2)_nCOQ$ ~~and Y is NH~~.